

Mn	=	4752	Mw/Mn	=	6.5421	Mv	=	0
Mw	=	32991	Mz/Mw	=	3.3115	Int. Visc.	=	0.00000
Mz	=	109253	M(z+1)	=	218140	SL Slope	=	-0.00745
Mp	=	13123	M(z+2)	=	335155	SL Intercept	=	-0.10595

Figure 1

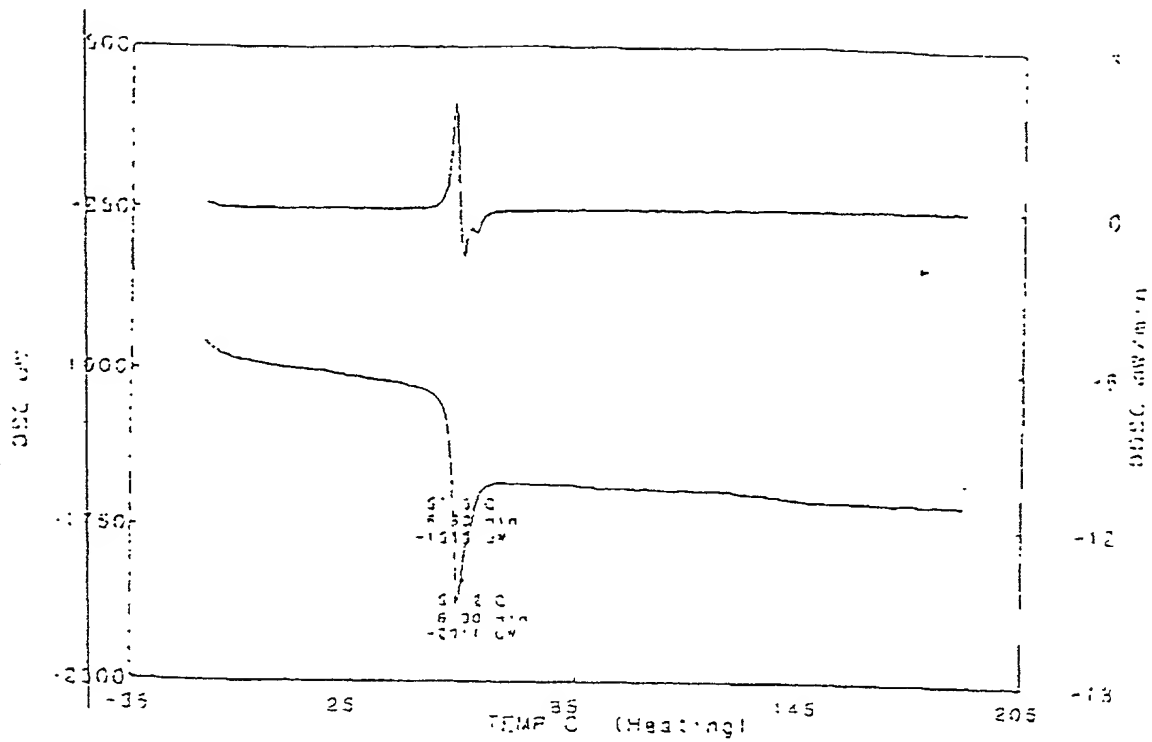


Figure 2A

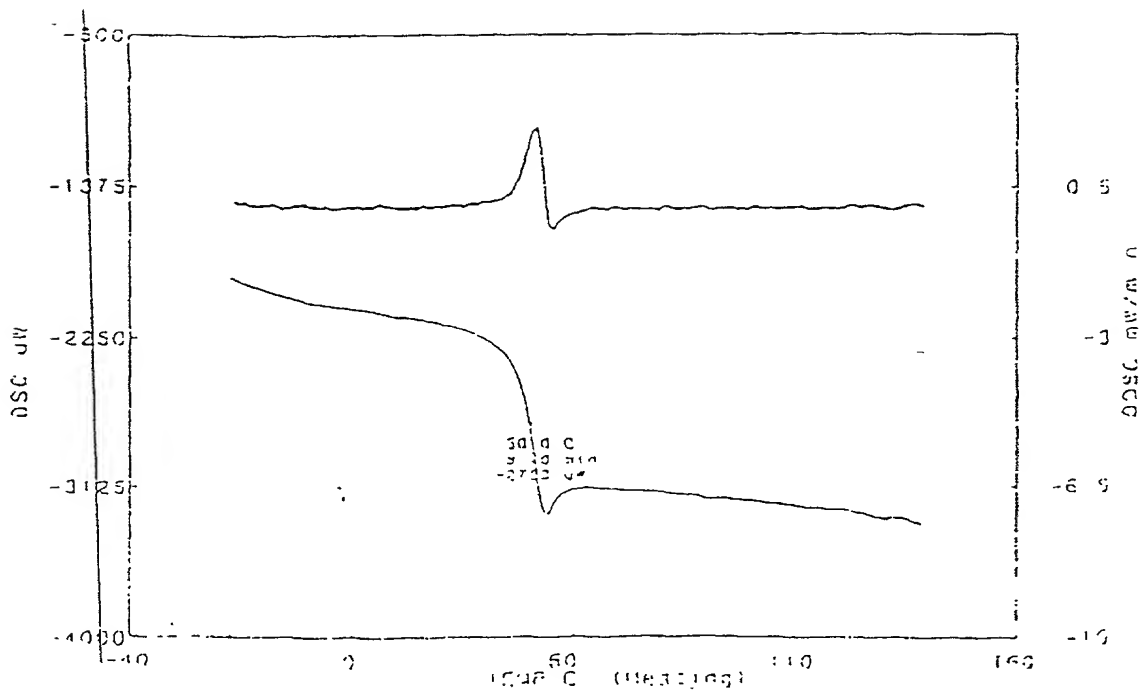


Figure 2B

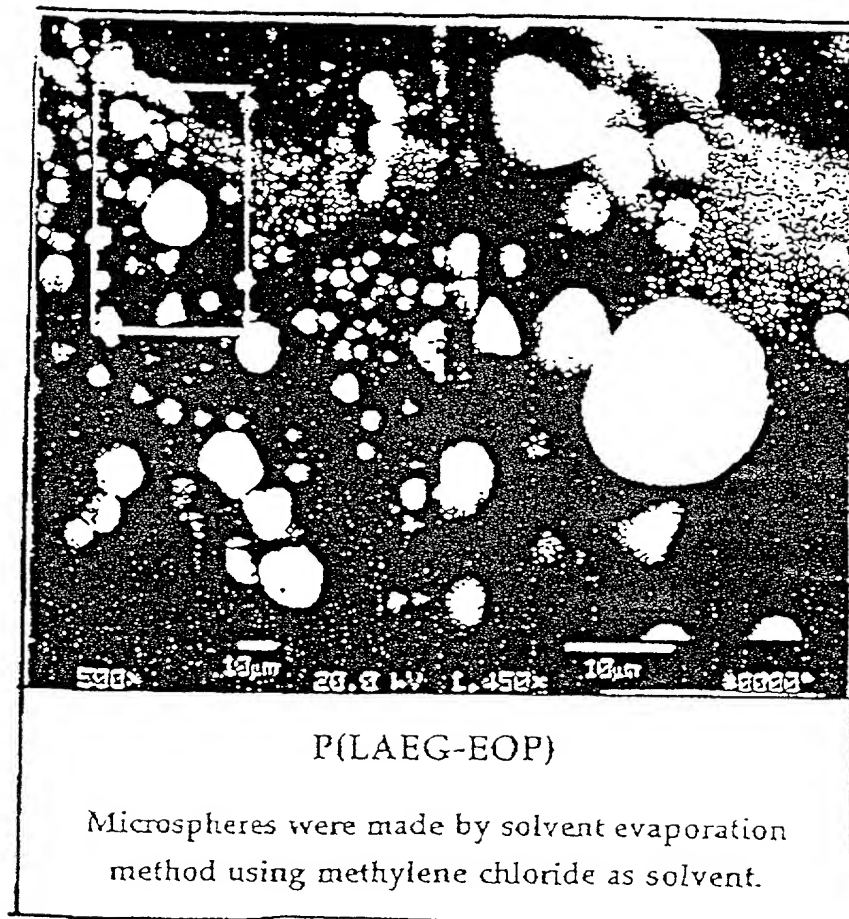


Figure 3

Weight loss of polyphosphoester discs
in PBS (0.1 M, pH 7.4) at 37 °C

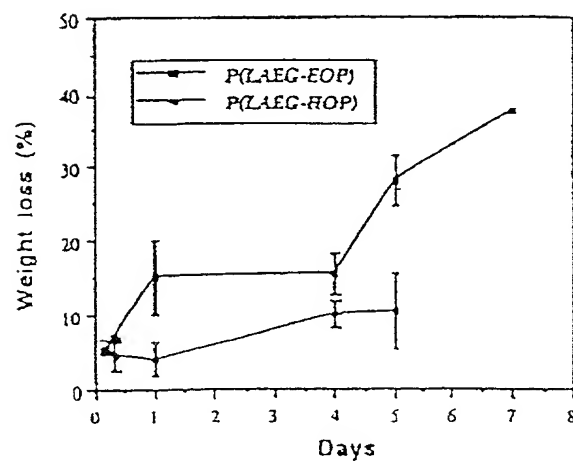


Figure 4A

Changes in Mw of polyphosphoester discs
in PBS (0.1 M, pH 7.4) at 37°C

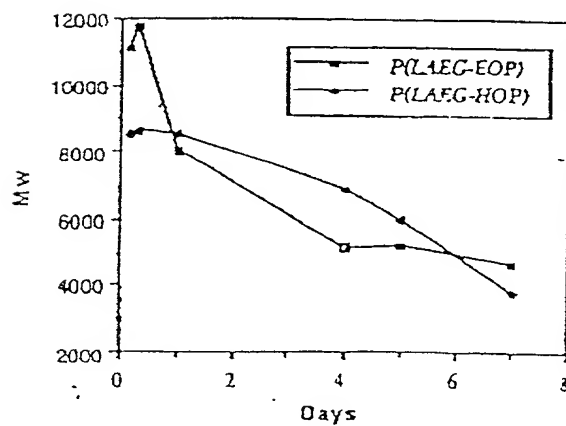


Figure 4B

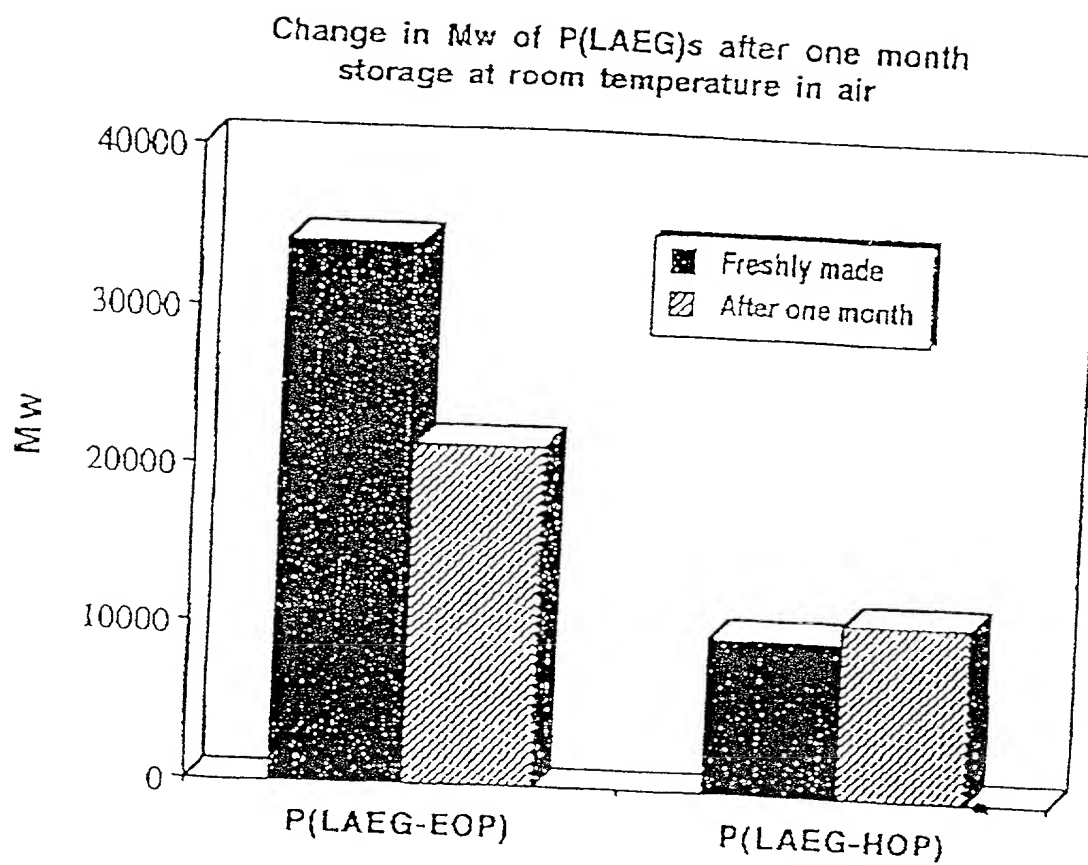


Figure 5

NMR Spectra of P(LAEG-EOP)

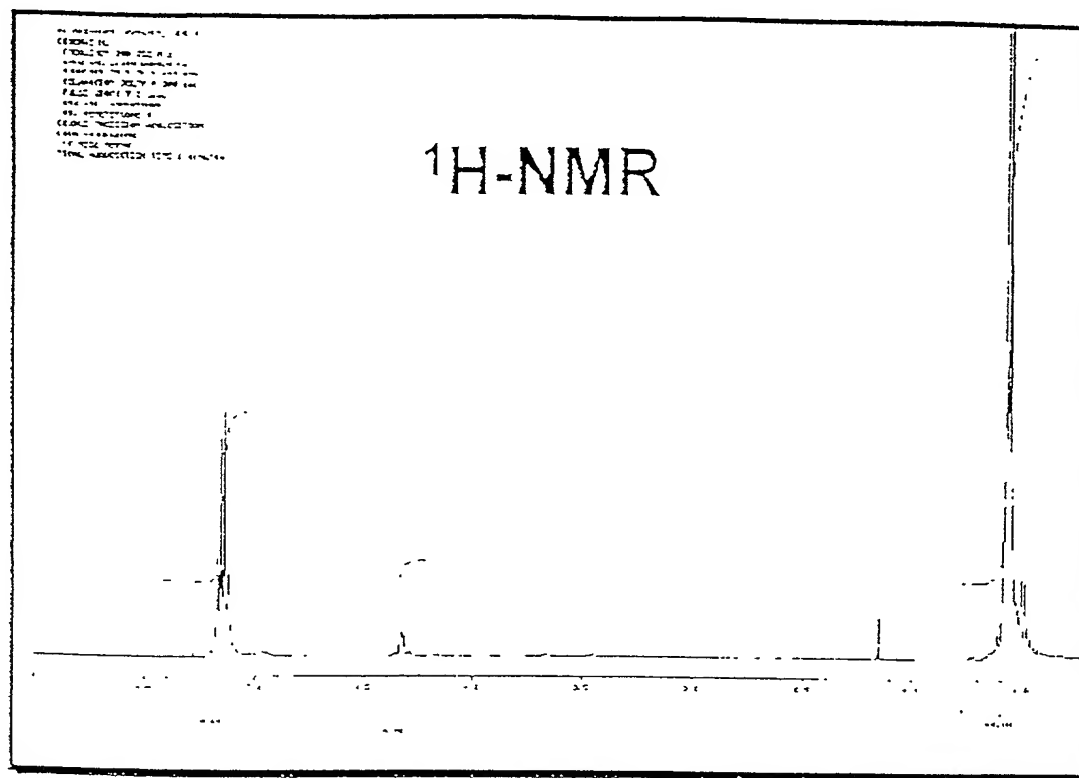


Figure 6

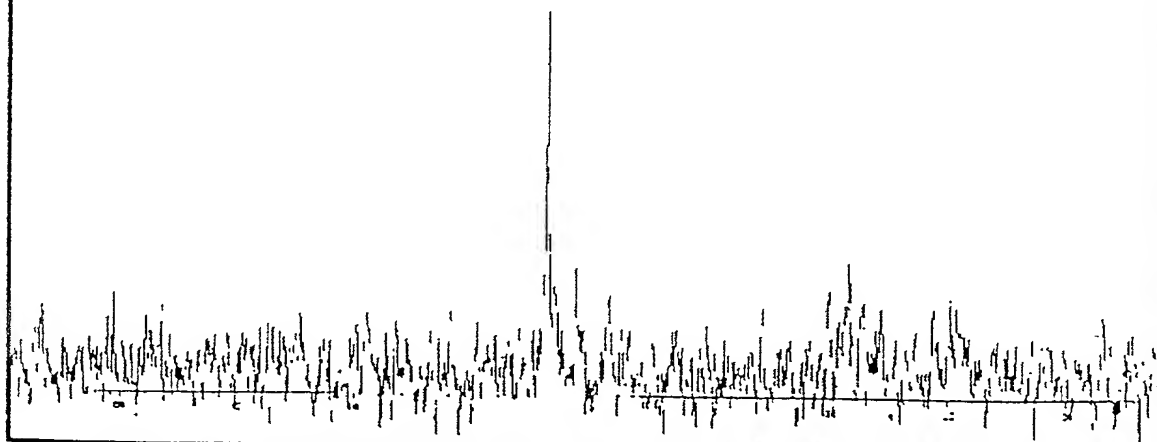
[illegible]

Figure 7

Shelf Stability (Room Temperature)

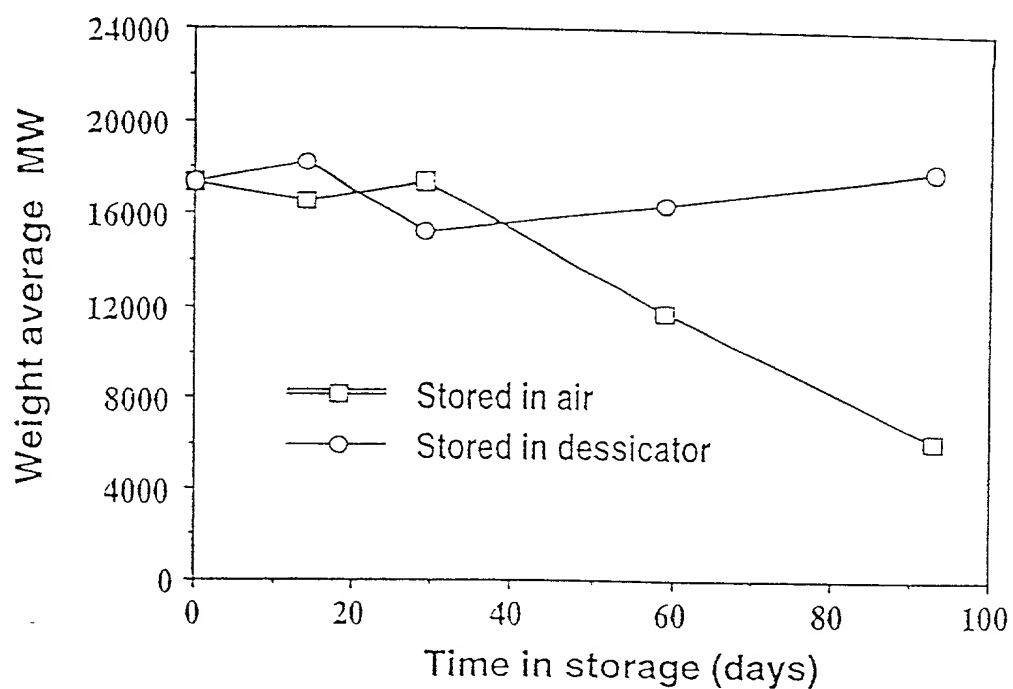


Figure 8

Cytotoxicity: P(LAEG-EOP) Microspheres

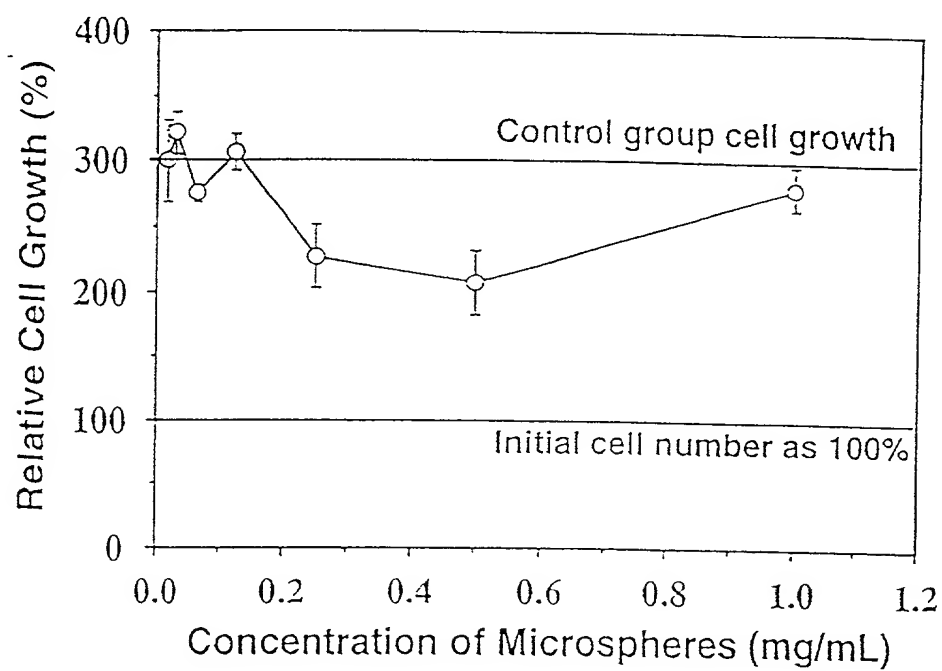


Figure 9

In Vitro Degradation

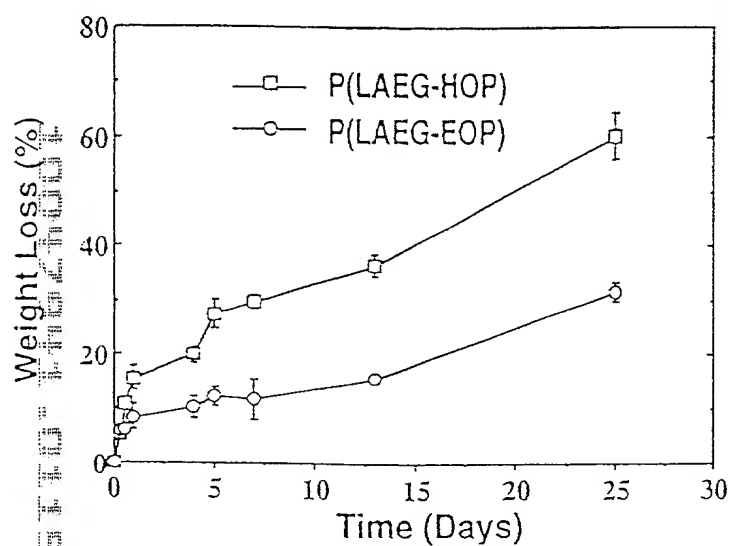


Figure 10A

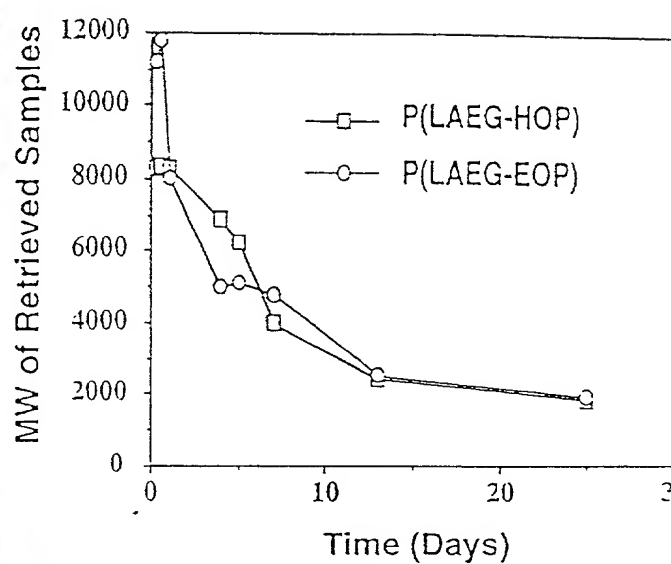


Figure 10B

In Vivo Degradation

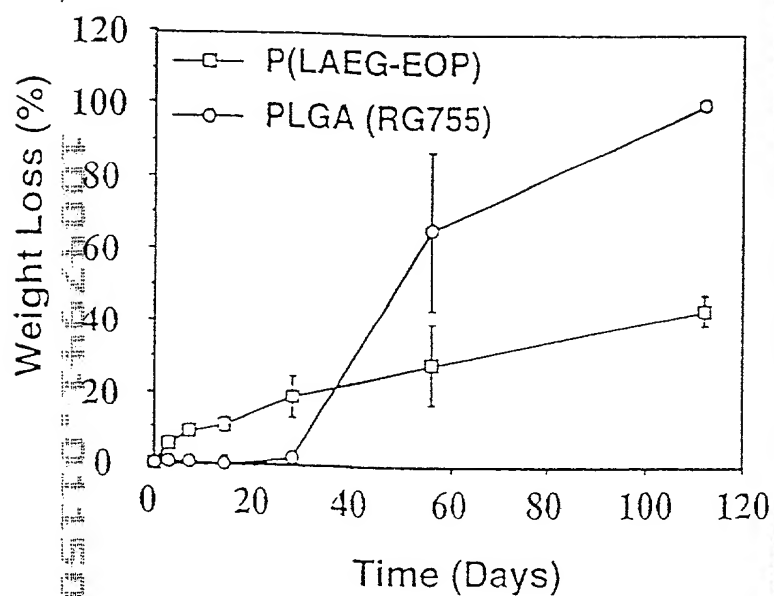


Figure 11A

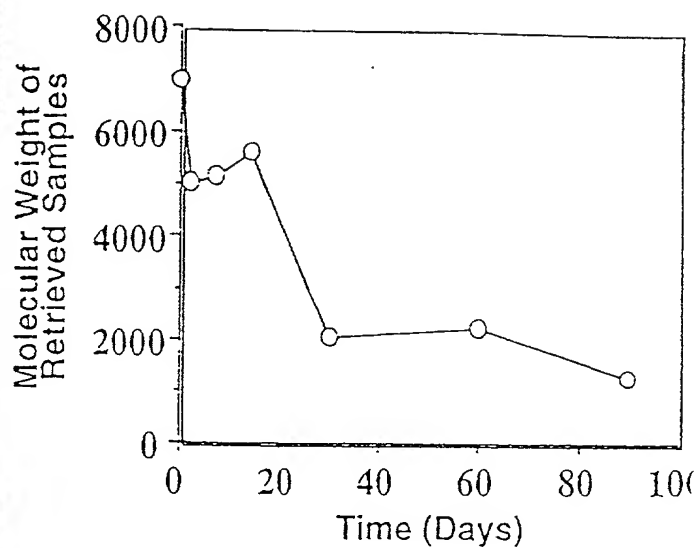


Figure 11B

Biocompatibility: Histopathological Analysis

Inflammatory Response at the Site of Implantation (i.m.)

Polymer	3 D	7 D	14 D	1 M	2 M	4 M
P(LAEG-EOP)	SI (130)	SI (123)	SI (180)	SI (198)	SI (106)	SI (99)
PLGA(RG755)	SI (148)	SI (98)	SI (137)	SI (105)	SI (94)	SI (43)
Score:	No Irritation (0)	Slight Irritation (0-200)	Mild Irritation (200-400)	Moderate Irritation (400-600)	Severe Irritation (>600)	

Figure 12

Release of FITC-BSA from the Microspheres Effect of Fabrication Method

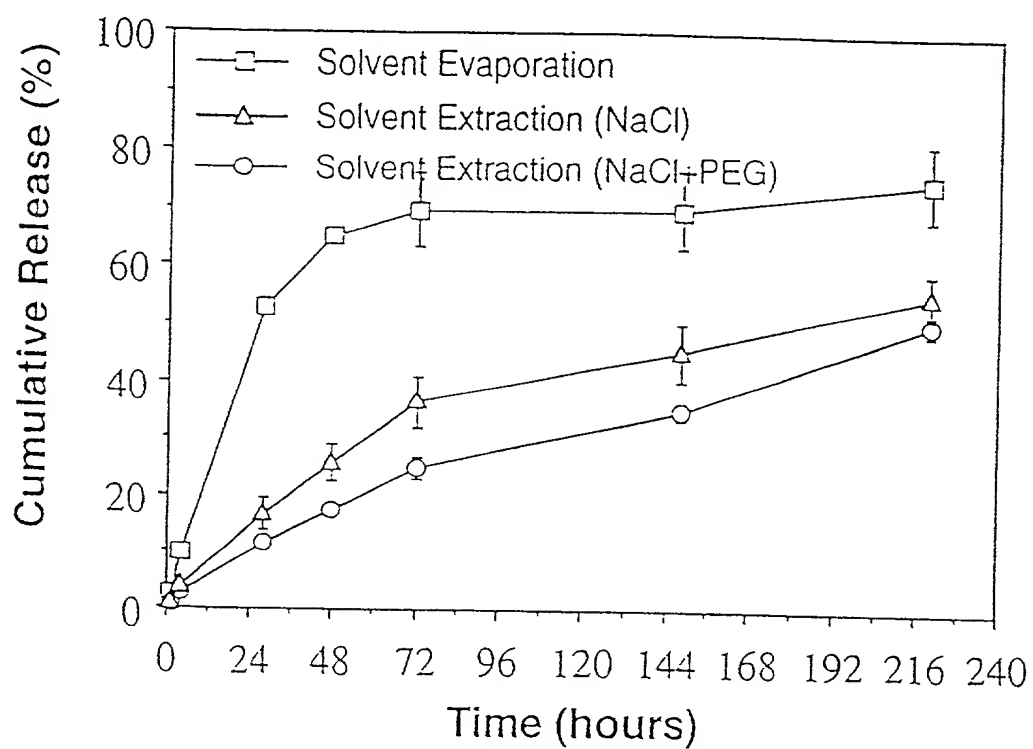


Figure 13

Release of Lidocaine and Cisplatin from P(LAEG-EOP) Microspheres

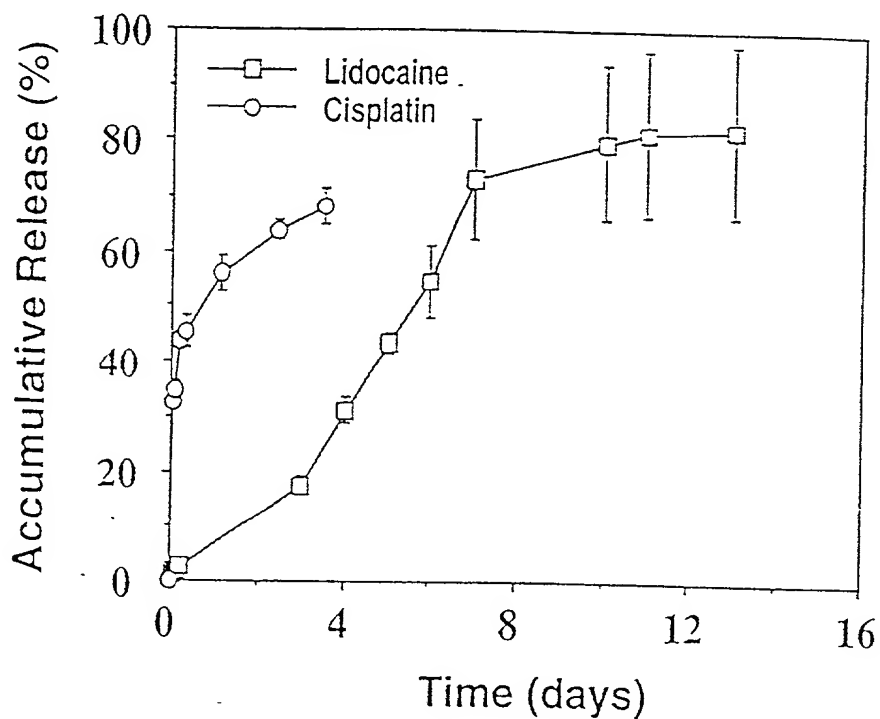


Figure 14

P(LAEG-EOP) Microspheres Containing FITC-BSA

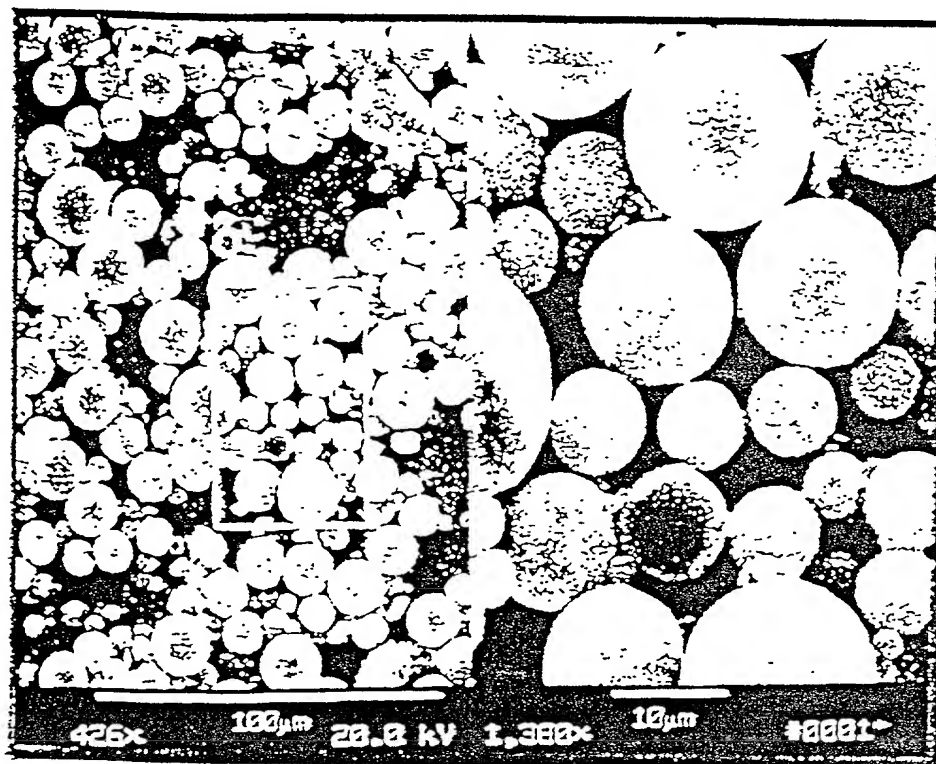


Figure 15

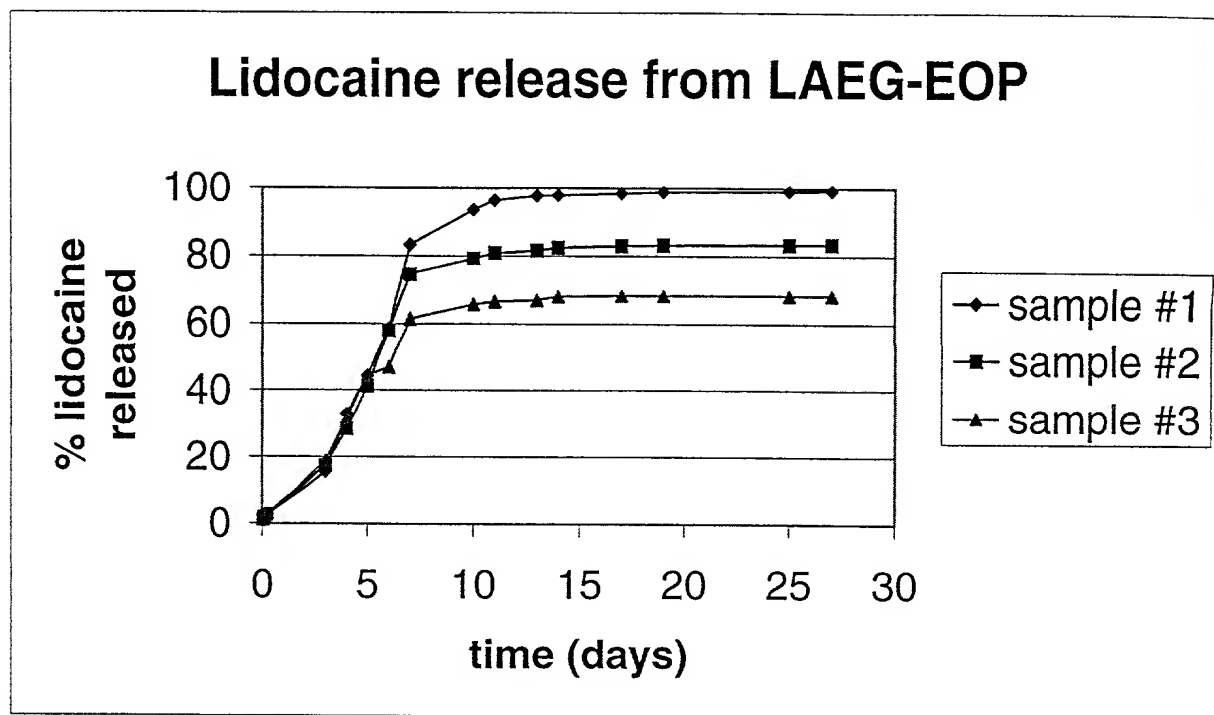


Figure 16

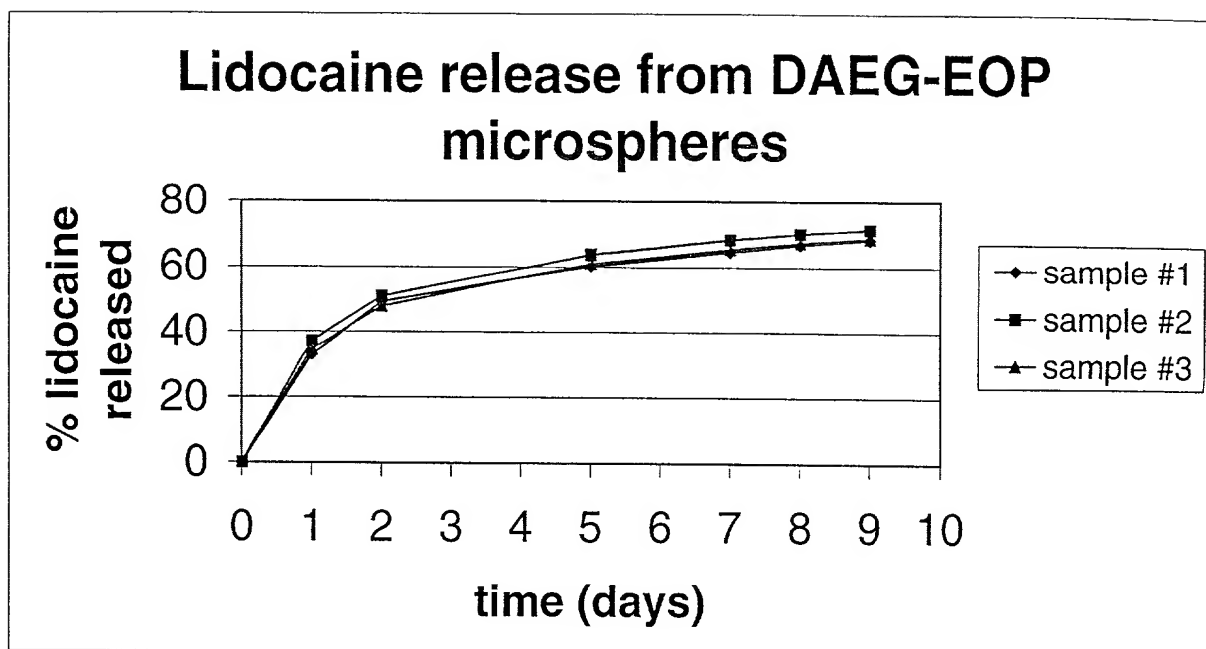


Figure 17